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Gray Davis
Governor
Winston H. Hickox
Secretary, California
Environmental
Protection Agency

Meeting on Herbicide and Surface Water Issues Department of Pesticide Regulation and North Coast Regional Water Quality Control Board

Meeting Date:
March 9, 2000

Meeting Location:
NC RWQCB
5550 Skyland Blvd., Suite A
Santa Rosa, CA 95403

Attendees:
NCRWQCB- Ranjit Gill, Matthew Buffleben, and Gina Morrison
DPR- Kathy Brunetti, Pam Wofford, and Kean S. Goh

Highlights of Meeting:

Ranjit Gill:

- 1) Shared that the Board has scaled up the forestry herbicide program from new funding to 1.4 PYs but only has \$4,000 for sampling.
- 2) Expressed that under the Board's Basin Plan, they will work closely with DPR on pesticide issues.
- 3) Requested DPR's help on providing information, prioritizing, and coordinating monitoring activities.
- 4) Timber industry has shift from aerial application of herbicides to more ground. The Board has taken limited surface water samples so far.
- 5) The North Coast's publics are concern about herbicides applied on private timberlands running off into surface water bodies some of which are drinking water sources.
- 6) So far water monitoring has been focused on the active ingredients and the first storm runoff.
- 7) The publics are concerns about the runoff of a herbicide carrier, diesel. The board will be monitoring for diesel in surface water.
- 8) Raised questions and requested information on environmental fate of herbicides, breakdown products, and chemical attached to soil, sediment and plant materials.
- 9) Expressed concerns about herbicide product impurities.
- 10) Planned to approach timber companies for a list of herbicides used and to suggest limiting the number of compound used.



Kathy Brunetti

- 1) Outlined DPR's authorities over regulations of pesticides, registration of pesticides, data required for registration. Explained County Ag. Commissioners in enforcement of pesticide regulations. Explained MAA process.
- 2) Provided information and procedure to access registration data on physical –chemical environmental studies, toxicological studies, etc. that were submitted to DPR for registration of pesticides.
- 3) Provided information on pesticide use data and GIS map plotting.

Kean S. Goh

- 1) Presented slides on background information and current herbicides monitoring activities in the Klamath River Watershed area with the tribal peoples, Simpson Timber Co., the County Ag. Commissioners and the U.S. EPA (sponsor).
- 2) Reiterated that the regional board staff Christine Wright-Shacklett has been very helpful in participating in our stakeholder's groups that also included consultation with UC Cooperative Extension and Calif Dept of Fish and Game.
- 3) Requested that the new board staff continue to participate, coordinate and provide input in our monitoring activities through the stakeholder's groups.
- 4) Shared information on DPR national forests' studies on dissipation and offsite movement of herbicides on plants of interest to tribal people.

Pam Wofford

- 1) Provided DPR's environmental fate review papers on forestry herbicides: triclopyr, hexazinone, glyphosate, and 2,4-D.
- 2) Provided three study protocols on DPR's Klamath River surface water monitoring projects with three major tribes: Yurok, Hupa, and Karuk.
- 3) Provided summary reports of the surface water monitoring studies.
- 4) Provided copies of DPR's newsletters on the monitoring projects.
- 5) Presented slides on details of sampling sites, herbicide monitored, monitoring and methodology and results.